

Town of Lamoine, Maine
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General Specifications

Seal Point Road Ditching, Shoulder Shaping, Culvert Replacement

The Town of Lamoine desired to shape the shoulders of Seal Point Road to promote proper drainage from the road surface into the established ditches on both sides of the road. Excessive winter sand has formed a barrier between the road shoulder and the ditch over the past 15-years. Additionally, the ditches have partially filled in with sand and vegetation and in several locations need to be reshaped.

The successful bidder shall follow the guidelines as stated:

1. **Shoulders** – All shoulders on Seal Point Road shall be cut with an excavator so that the surface shall drop 1.5" for every two feet of shoulder until it reaches the inslope of the ditch. In areas where the road shoulder has eroded, material shall be added to bring the shoulder to a 1.5":2' ratio. Final surface shall be compacted sufficiently to support a motor vehicle with minimal material displacement (no greater than 1/8" from weight of a parked vehicle). Excess material shall be removed from the shoulders and placed at an appropriate location of the contractor's choice.
2. **Ditches** – Vegetation shall be removed by excavator so that the shape of the ditch is restored as closely as possible to the original ditch. After removal of vegetation, grass seed shall take place on the inslope, backslope and bottom of the ditch to control erosion. Excess materials shall be removed from the ditches and placed at an appropriate location of the contractor's choice. A shoulder and ditch conforming to the MDOT standard attached shall be established on the East side of Seal Point Road from a point at the top of the hill opposite 342 Seal Point Road and proceeding Southerly to a cross culvert outlet at the base of the hill.
3. **Culvert Replacement/Resetting** – Three cross culverts shall be replaced using MDOT approved black plastic culverts. The culverts are to be replaced by cutting the pavement at points 8-feet on either side of the center of the culvert, removing the old culvert, and filling with a mixture of existing material and new fill in order to create a uniform material type for a 16-foot section of road. Contractor shall be responsible for disposal of old culverts at a licensed facility, and placing a 2" layer of pavement on top of the excavated area to meet existing pavement. The culvert on the hill

North of 263 Seal Point Road shall have a layer of crushed ¾" stone placed underneath the bottom of the culvert to promote water flow between the culvert and ledge underneath.

4. **Erosion Control** – Contractor shall be responsible for controlling erosion in accordance with Maine DEP and MDOT guidelines.
5. **Traffic Control** – Contractor shall be responsible for all signage and giving adequate warning to motorists approaching the construction zone. Contractor shall follow MDOT Traffic Control guidelines. Total Road Closures are likely at times but shall last no longer than 1-hour. Overnight lane closures shall be clearly marked with traffic control devices and appropriate signage. At no time shall the road be closed without attending personnel. The Lamoine Town Office shall be kept informed of the dates and estimated times of total road closures in order to provide public notice.
6. **Pre Construction Meeting** – The successful bidder shall meet with the Lamoine Road Commissioner and other town officials as desired prior to commencement of the project.
7. **Project Deadline** – The project shall be completed no later than August 15, 2006. Seal Point Road is scheduled to be paved during the summer of 2006, and it is important that this work be completed prior to paving.

Attachments:

MDOT Drainage specifications for shoulders and ditches – paved road (1989)